

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 9/22/25

Project Number: Alcan EIE 430
Project: Eielson 430
Client: Alcan Builders, Inc.
Address: P.O. Box 70752
Fairbanks, Alaska 99707
Attn:

Report Number: 1

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 7/28/2025

Time Sampled: 9am

Location of Sample: Spread Footing B.6/ 1.6

Supplier: HC Redi- Mix

Truck Number:

Ticket Number: 186295

Mix Number: 6034I

Design Strength: 4500

Batch Size:

Slump: 3.75" (ASTM C 143)

Air Content: 5.2% (ASTM C 231)

Unit Weight: 146.0 (ASTM C 138)

Concrete Temp: 73°F (ASTM C 1064)

Ambient Temp: 62°F

Water Added:

Technician: John Trush

Initial Curing:

Final Curing:

Max Field Curing Temp.:

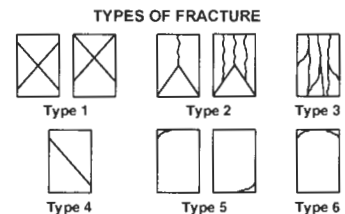
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
25-1692	8/4/2025	7	59385	4.00	12.57	4730	105%	3
25-1693	8/4/2025	7	59850	4.00	12.57	4760	106%	3
25-1694	8/4/2025	7	59725	4.01	12.63	4730	105%	5
25-1695	8/25/2025	28	62630	4.00	12.57	4980	111%	3
25-1696	8/25/2025	28	65680	4.00	12.57	5230	116%	2
25-1697	8/25/2025	28	64040	4.00	12.57	5100	113%	3
25-1698	9/22/2025	56	63340	4.00	12.57	5040	112%	3
25-1699	9/22/2025	56	67160	4.00	12.57	5340	119%	3
25-1700	9/22/2025	56	66670	4.00	12.57	5310	118%	3

Remarks:

Copies to:



Reported by:

Stefan Mack
P.E. Engineer in Charge